

# DIGITECH

# THE WELDING EDGE











**DIGITECH** are the most advanced and top performing multi-process pulse welding equipment of CEA, available in two series: **VP2** (Vision Pulse 2) and **VP3** (Vision Pulse 3).

Developed with the arc control software vision.ARC2, **DIGITECH** obtain incredible quality results with any material in all welding application.

**DIGITECH** are characterized by a digital interface with colour display and a synergic control to automatically determine the best welding parameters, based on the used type of material, the wire diameter and the gas.

Technologically ahead and easy-to-use, they offer premium welding quality at high speed in PULSED MIG, DUAL PULSED, MIG-MAG, MMA and TIG with "lift" arc striking.

**DIGITECH** are open to be connected to a LAN, allowing to interface the equipment to a robot and support software, making these equipment the best solution in any industrial field requiring high precision and repeatability of the achieved results and complying with all the demands of the 4.0 Industry.

**DIGITECH 3200 VP2** is the compact version designed with a built-in feeder while DIGITECH 3300 VP2 comes with a separate wire feeder.

**DIGITECH 4003 VP3** and **5003 VP3** use a separate wire feeder and are available with the new imposing design.



Top welding performance

LCD Panel Interface

Complete connectivity

Special MIG and Pulse process possibility





















# DIGITECH **FEATURES**

- High tech multi-process equipment with exceptional performance in PULSED MIG, DUAL PULSED, MIG/MAG, MMA and TIG.
- Digital control of the welding parameters with preset synergic curves according to the type of material, gas and wire diameter being used
- Possibility of integrating special welding process: vision.MIG and vision.PULSED
- vision.ARC2 guarantees a constant arc in all conditions and the perfect droplet detachment, mostly in PULSED MIG and DUAL PULSED, to achieve superior welding performances
- User Interface with LCD colour display to keep under control the whole welding process
- Monitoring and repeatability of the welding parameters

- Excellent arc striking always precise and efficient
- Ability to partially or totally lock the equipment with access key by password
- Energy Saving" function to operate the power source cooling fan and torch water cooling when necessary
- Welding parameter adjustments directly from Up/Down MIG torch
- LAN connectivity to the network via Ethernet port or WIFI (Optional)
- Data storing and data printing ability (Optional)

# WIRE FEEDER HT6 PRO DRIVE





**LODGING FOR WIRE SPOOLS** up to Ø 300 mm

**LED LIGHT** in the feeder compartment (HT6 Pro Drive)

**INSPECTION WINDOWS** in the spool cover (HT6 Pro Drive)

HK1 Hanging Kit (HT6 Pro Drive - Optional)

**GRADUATED KNOB** to achieve the most correct value of the wire pressure cables from the power source to the feeder.

STRONG INDUSTRIAL CASE made to last









# **DOUBLE FEEDER**

DIGITECH in the version with double wire feeder represents the ideal solution whenever a greater flexibility is needed in all applications using two different types of material, wire or gas.



# DIGITECH **SYNERGIC CONTROL**

DIGITECH control, fitted with the innovative colour display with icons and a clear infographic, allows even less expert welders to very easily adjust all the welding parameters in an intuitive way with extreme simplicity.

At the same time, DIGITECH power sources offer also most expert welders the possibility of fine tuning and customizing the welding process control, thanks to the ability to access clear, simple and complete under menus for the best possible configuration and optimization of the equipment.



#### PROCESS SELECTION



PROGRAM SELECTION



WELDING MODE



WELDING SET UP



#### **WSC - Wire Start Control**

This arc striking control device prevents any possible wire sticking to the workpiece or torch nozzle, by always ensuring a prompt and precise arc striking

#### **SIMPLE AUTOMATION**

Standard equipped with analogic-digital I/O, DIGITECH can be easily integrated into automated welding equipment without any expensive and sophisticated external interfaces usually necessarily supplied for robotics.

# **ETHERNET LAN**

Possibility of having a special version fitted with an external Ethernet socket to interface the equipment to a remote device and support software.

# **DIGITECH 4.0 READY**

These units have the possibility to be connected to an industrial LAN through an Ethernet port or by a WiFi LAN (Optional), to satisfy all the requirement of 4.0 industry.



### **ROBOT INTERFACE**

DIGITECH power sources can be connected to any Robot or Cobot by means of a CEA Robot Interface which can handle several analogic, fieldbus digital protocols depending on the features of the Robot to be used.



ANALOGIC/DIGITAL INTERFACE



DIGITAL FIELD BUS INTERFACE



# **SPECIAL PROCESSES**

vision.ARC2 is the software platform available on DIGITECH, which enables to weld with the following optional special processes:

#### **MIG MAG**



vision.COLD To weld thin thickness laminations with low heat transfer



vision.ULTRASPEED For high speed welding



vision.POWER

For a more concentrated arc and deeper penetration on medium and thick thickness



vision.PIPE For a more accurate welding in pipe first root pass.

#### **MIG PULSED**



vision.PULSE-POWER For a deeper and more flattened welding bead on medium large thickness



vision.PULSE-RUN For a faster and colder pulse welding



vision.PULSE-UP For a faster and more precise vertical up welding

#### **ECP**



EXTRA CURVE PACKAGE A complete set of welding curves for different materials

# **CQM** CEA QUALITY MANAGER - **CWM** CEA WELDER MANAGER

**CQM (CEA QUALITY MANAGER)** is a software developed by CEA to enable welding data recording, monitoring, and printing by means of an external computer connected to one or more DIGITECH power sources.

**CWM (CEA WELDER MANAGER)** is a software developed by CEA designed to monitor the status of one or more DIGITECH power sources by connecting them via Ethernet (or Wi-Fi optional) to an external computer in the same network.





TECHNICAL DATA		DIGITECH VP2		DIGITECH VP3		
TECHNICAL DATA		3200	3300	4003	5003	
Three Phase input 50/60 Hz	V +10% -10%	400	400	400	400	
Input Power @ I <sup>2</sup> Max	kVA	19	19,6	25,5	31,2	
Delayed Fuse (I eff)	A	20	25	32	40	
Power Factor / cos Φ		0,66/0,99	0,65/0,99	0,65/0,99	0,69/0,99	
Efficiency Degree		0,85	0,85	0,86	0,87	
Open circuit voltage	V	62	62	70	70	
Current range	A	10 - 320	10 - 330	10 - 400	10 - 500	
	A 100 %	240	280	350	380	
Outy cycle at (40°C)	A 60 %	270	300	400	460	
	A X %	320 (40%)	330 (40%)	-	500 (50%)	
Wires	Ø mm	0,6 - 1,6	0,6 - 1,6	0,6 - 1,6	0,6 - 1,6	
Standards			EN 60974-1 • EN 6097	74-5 • EN 60974-10 S		
Protection Class	IP	23 S	23 S	23 S	23 S	
Dimensions (L x W x H)	mm	660 x 290 x 515	660 x 290 x 515	710 x 290 x 530	710 x 290 x 530	
Weight	Kg	41	35	41	45	

# **DIGITECH 3200 VP2**

CODE	DESCRIPTION		CH VP2
		AIR	WATER
	POWER SOURCES		
004700	Power Source <b>DIGITECH 3200 VP2</b> 400 V (4 rolls for wire Ø 0,8÷1,0 mm)	•	≈
	SPECIAL VERSION - POWER SOURCE FITTED WITH SOFTWARE		<u> </u>
004700PR	Power Source DIGITECH 3200 VP2 PREMIUM 400 V with vision.FULL PACKAGE and Ethernet socket		
	ALUMINIUM KIT		
030895	Aluminium Kit of double grooved TWIN rolls (Ø 0.8 ÷ 1.0) and gears kit for Al wires		
030897	Aluminium Kit of double grooved TWIN rolls (Ø 1.0 ÷ 1.2) and gears kit for Al wires		
	SOFTWARE FOR SPECIAL MIG/MAG PROCESS		
	SM1 - SPECIAL MIG Process Package including: vision.COLD, vision.POWER, vision.ULTRASPEED, vision.PIPE and ECP - Extra Curves Package		
050003	SP2 - PERFORMANCE Process Package including: vision.PULSE-UP, vision.PULSE-RUN, vision.ULTRASPEED and ECP - Extra Curves Package		
050004	SFP - vision.FULL-PACKAGE complete package with Special MIG Process Package (SMI) and Special PULSE Process: vision.PULSE-UP, vision. PULSE-RUN and vision.PULSE-POWER with extra curves ECP		
050050	ECP - Extra Curves Package to meet special application		
	EN 1090 WPQR - WPS		
	Collection of WPQR - WPS for DIGITECH		
	MIG MAG WELDING TORCHES		
020466	CEA Torch <b>CX 353/4</b> 4 m wire Ø 0.8÷1.2 CO2 340A @60% / Mix 290A @60%	•	
020472	CEA Torch CXH 302/4 4 m wire Ø 0.8÷1.2 water cooled CO2 300A @100% / Mix 250A @100%		≋
020488	Push Pull Torch <b>PP 401 D</b> 8 m 24 V -wire Ø 0,8÷1,2 water cooled (to be ordered w. 031107)		
031107	Push Pull Synchronizer PC Board KIT for QF4 and HT5 (to be ordered with the Push pull torch)		
	For other torches see mig/mag torches		
	TIG TORCHES WITH BUILT-IN GAS VALVE FOR TOUCH-START TECHNIQUE		
020568	Torch <b>RTX 26.4</b> 4 m - 180 A 35%		
	WATER COOLING		
032098	Water cooling equipment HR 32 400 V		≋
402275A	Cea CL-1100 cooling liquid - 5 l Tank		- ≋
	TROLLEYS		
234914	Trolley <b>CT 70</b> with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)	•	*
234928	Trolley CT 75 with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)		
	GROUND CABLES		
239603	50 mm² / 4 m <b>Ground cable</b> with clamp	•	₩ ≋
	GAS REDUCERS		
020916	Reducer with flowmeter and 1 manometer	•	≋
	OTHER OPTION[S]		
236590	Metallic spool adaptor		
236234	RC 178 remote control with 5 m cable		
020340	Autotransformer A 13-H 220/400 V 50/60 Hz 3 Phase		
460292	4+3 m 35 mm <sup>2</sup> cables with electrodeholder pincer, ground clamp and 50 mm <sup>2</sup> safety connections - brush/hammer - shield with lens		
.50202	DIGITECH 3200 VP2 COMPACT Suggested air cooled version with torch	•	
	DIGITECH 3200 VP2 COMPACT Suggested wite cooled version with torch		≈



DIGITECH 3200 VP2 COMPACT

# **DIGITECH 3300 VP2**

CODE	DESCRIPTION	DIGITECH VP2 3300		
	DOLLED COLLEGE	AIR	WATE	
004705	POWER SOURCES Power Source DIGITECH 3300 VP2 400 V		-	
004705	PREMIUM VERSIONS - POWER SOURCE FITTED WITH SOFTWARE	•	≋	
004705PR			-	
004/03Fh	Power source DIGITECH 3300 VP2 PREMIUM 400 V with vision.FULL PACKAGE and Ethernet socket		-	
004707PR	DIGITECH VP2's PREMIUM READY FOR INDUSTRY 4.0 - PREPARED To be connected to QR WIFI READER and/or to WIFI LAN  Power source DIGITECH 3300 VP2 PREMIUM 4.0 READY 400V vision.FULL PACKAGE & Ethernet & USB socket		-	
004/0/FN	SOFTWARE FOR SPECIAL MIG/MAG PROCESS			
050002	SM1 - SPECIAL MIG Process Package including: vision.COLD, vision.POWER, vision.ULTRASPEED, vision.PIPE and ECP - Extra Curves Package			
050002	SP2 - PERFORMANCE Process Package including: vision.PULSE-UP, vision.PULSE-RUN, vision.ULTRASPEED and ECP - Extra Curves Package			
030003	SFP - vision.FULL-PACKAGE complete package with Special MIG Process Package (SMI) and Special PULSE Process: vision.PULSE-UP,			
050004	vision.PULSE-RUN and vision.PULSE-POWER with extra curves ECP			
050050	ECP - Extra Curves Package to meet special application		-	
000000	EN 1090 WPQR - WPS		-	
	Collection of WPQR - WPS for DIGITECH		-	
	INTERCONNECTING CABLES		-	
010839	1,2 m Air / Water cooled Interconnecting cable Power source-Wire feeder	•	₩ ≋	
010842	5 m Air / Water cooled Interconnecting cable Power source-Wire feeder		-	
010846	10 m Air / Water cooled Interconnecting cable Power source-Wire feeder		-	
0100-10	WIRE FEEDERS		-	
030716	Wire Feeder <b>HT 6</b> with Euro Connection 4 rolls (Ø 1.0÷1.2)	•	≈	
031116	WK 4 standard wheels kit for HT 6 feeder		-~	
031007	WK 2 extra-large wheels kit for HT 6 feeder		-	
031117	HK1 Hanging Kit for HT 6 PRO DRIVE feeder		-	
031117	ALUMINIUM KIT		-	
030895	Aluminium Kit of double grooved TWIN rolls (Ø 0.8÷1.0) and gears kit for Al wires		-	
030897	Aluminium Kit of double grooved TWIN rolls (Ø 1.0÷1.2) and gears kit for Al wires			
030899	Aluminium Kit of double grooved TWIN rolls (Ø 1.2÷1.6) and gears kit for Al wires		-	
	MIG MAG WELDING TORCHES		-	
020466	CEA Torch <b>CX 353/4</b> 4 m wire Ø 0.8÷1.2 CO2 340A @60% / Mix 290A @60%	•		
020472	CEA Torch CXH 302/4 4 m wire Ø 0.8÷1.2 water cooled C02 300A @100% / Mix 250A @100%		_ ≋	
020488	Push Pull Torch <b>PP 401 D</b> 8 m 24 V -wire Ø 0,8÷1,2 water cooled (to be ordered w. 031107)			
031107	Push Pull Synchronizer PC Board KIT for QF4 and HT5 (to be ordered with the Push Pull torch)			
031113	Push Pull Synchronizer PC Board KIT 24 / 42 V for MF4, QF7 PR0 DRIVE and HT 6 PR0 DRIVE (to be ordered with the Push pull torch)			
001110	TIG TORCHES WITH BUILT-IN GAS VALVE FOR TOUCH-START TECHNIQUE			
020568	Torch <b>RTX 26.4</b> 4 m - 180 A 35%		-	
020000	WATER COOLING		-	
032095	Water cooling equipment <b>HR 31</b> 400 V		≈	
402275A	Cea <b>CL-1100</b> cooling liquid - 5 l Tank		≈	
10221011	TROLLEYS		-	
234914	Trolley <b>CT 70</b> with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)	•	≈	
234928	Trolley CT 75 with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)			
	GROUND CABLES			
239603	50 mm <sup>2</sup> / 4 m <b>Ground cable</b> with clamp	•	*	
	GAS REDUCERS			
020916	Reducer with flowmeter and 1 manometer	•	≈	
	OTHER OPTION[S]			
236590	Metallic spool adaptor			
236234	RC 178 remote control with 5 m cable			
020340	Autotransformer A 13-H 220/400 V 50/60 Hz 3 Phase			
460262	4+3 m 50 mm <sup>2</sup> cables with electrodeholder pincer, ground clamp and 50mm <sup>2</sup> safety connections brush/hammer - shield with lens			
	DIGITECH 3300 VP2 Suggested air cooled version with torch	•		
	DIGITECH 3300 VP2 Suggested water cooled version with torch		≈	

# **DIGITECH 4003/5003 VP3**

CODE	DESCRIPTION		4003 AIR WATER		5003 AIR WATE	
	POWER SOURCES	Ain	WAILI	Ain	WAIL	
004708	Power Source DIGITECH 4003 VP3 400 V	•	≈			
004713	Power Source DIGITECH 5003 VP3 400 V			•	≈	
001710	SPECIAL VERSION - POWER SOURCE FITTED WITH SOFTWARE					
004798PR	Power source DIGITECH 4003 VP3 PREMIUM 400 V with vision.FULL PACKAGE and Ethernet socket					
004733FR	Power source DIGITECH 5003 VP3 PREMIUM 400 V with vision.FULL PACKAGE and Ethernet socket					
004710111	DIGITECH VP3's PREMIUM READY FOR INDUSTRY 4.0 - PREPARED To be connected to QR WIFI READER and/or to WIFI LAN					
004709PR	Power source DIGITECH 4003 VP3 PREMIUM 4.0 READY 400V vision.FULL PACKAGE & Ethernet & USB socket					
004703111 004714PR	Power source DIGITECH 5003 VP3 PREMIUM 4.0 READY 400V vision.FULL PACKAGE & Ethernet & USB socket					
004714111	SOFTWARE FOR SPECIAL MIG/MAG PROCESS					
050002	SM1 - SPECIAL MIG Process Package: vision.COLD, vision.POWER, vision.ULTRASPEED, vision.PIPE and ECP					
050002	SP2 - PERFORMANCE Process Package: vision.PULSE-UP, vision.PULSE-RUN, vision.ULTRASPEED and ECP					
030003	SFP - vision.FULL-PACKAGE complete package with Special MIG Process Package (SM1) and Special PULSE Process: vision.					
050004	PULSE-UP, vision.PULSE-RUN and vision.PULSE-POWER with extra curves ECP					
050050	ECP-Extra Curves Package to meet special application					
	EN 1090 WPQR - WPS					
	Collection of WPQR - WPS for DIGITECH					
	INTERCONNECTING CABLES					
010839	1,2 m Air / Water cooled Interconnecting cable Power source-Wire feeder	•	≋	•	≋	
010842	5 m Air / Water cooled Interconnecting cable Power source-Wire feeder					
010846	10 m Air / Water cooled Interconnecting cable Power source-Wire feeder					
	WIRE FEEDERS					
030716	Wire Feeder HT 6 PRO DRIVE with Euro Connection 4 rolls (Ø 1.0 ÷ 1.2)	•	≋	•	≋	
031116	WK 4 standard wheels kit for HT 6 PRO DRIVE feeder					
031007	WK 2 extra-large wheels kit for HT 6 PRO DRIVE feeder					
031117	HK1 Hanging Kit for HT 6 PRO DRIVE feeder ALUMINIUM KIT					
030895	Aluminium Kit of double grooved TWIN rolls (Ø 0.8÷1.0) and gears kit for Al wires					
030897	Aluminium Kit of double grooved TWIN rolls (Ø 1.0 ÷ 1.2) and gears kit for Al wires					
030899	Aluminium Kit of double grooved TWIN rolls (Ø 1.2÷1.6) and gears kit for Al wires					
000000	MIG MAG WELDING TORCHES					
020471	CEA Torch <b>CX 451/4</b> 4 m wire Ø 0.8÷1.6 CO2 400A @60% / Mix 300A @60%	•		•		
020479	CEA Torch CXH 402/4 4 m wire Ø 0.8÷1.6 water cooled CO2 500A @100% / Mix 450A @100%		*		(≈	
020488	Push Pull Torch <b>PP 401 D</b> 8 m 24 V -wire Ø 0,8÷1,2 water cooled (to be ordered w. 031107)		~		~	
031107	Push Pull Synchronizer PC Board KIT for QF4 and HT5 (to be ordered with the Push Pull torch)					
031107	Push Pull Synchronizer PC Board KiT 24 / 42 V for MF4, QF7 PRO DRIVE and HT 6 PRO DRIVE (to be ordered with the Push pull torch)					
USIIIS	TIG TORCHES WITH BUILT-IN GAS VALVE FOR TOUCH-START TECHNIQUE					
020560				-		
020568	Torch <b>RTX 26.4</b> 4 m - 180 A 35%  WATER COOLING			-		
022125	Water cooling equipment HRX 51 400 V				-	
032125 402275A	Cea <b>CL-1100</b> cooling liquid - 5 l Tank		≈ ~		≋ ~	
4022/3A	TROLLEYS		≋		≋	
22.401.4					-	
234914	Trolley CT 70 with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)	•	≋	•	≈	
234928	Trolley CT75 with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)					
	GROUND CABLES			-		
239603	50 mm² / 4 m Ground cable with clamp	•	≋		-	
239607	70 mm <sup>2</sup> / 4 m <b>Ground cable</b> with clamp  GAS REDUCERS			•	≋	
	Reducer with flowmeter and 1 manometer	•	≋	•	≈	
020916	OTHER OPTION[S]		~		~	
020916	VIII DI TIVILI D					
				1 1	į.	
236590	Metallic spool adaptor					
236590 236234	Metallic spool adaptor RC 178 remote control with 5 m cable					
236590 236234 020340	Metallic spool adaptor  RC 178 remote control with 5 m cable  Autotransformer A 13-H 220/400 V 50/60 Hz 3 Phase					
236590 236234	Metallic spool adaptor  RC 178 remote control with 5 m cable  Autotransformer A 13-H 220/400 V 50/60 Hz 3 Phase  4+3 m 50 mm² cables with electrodeholder pincer, ground clamp and 50mm² safety connections brush/hammer - shield with lens					
236590 236234 020340	Metallic spool adaptor  RC 178 remote control with 5 m cable  Autotransformer A 13-H 220/400 V 50/60 Hz 3 Phase  4+3 m 50 mm² cables with electrodeholder pincer, ground clamp and 50mm² safety connections brush/hammer - shield with lens  DIGITECH 4003 VP3 Suggested air cooled version with torch	•				
236590 236234 020340	Metallic spool adaptor  RC 178 remote control with 5 m cable  Autotransformer A 13-H 220/400 V 50/60 Hz 3 Phase  4+3 m 50 mm² cables with electrodeholder pincer, ground clamp and 50mm² safety connections brush/hammer - shield with lens	•	≈	•		

# **DIGITECH DOUBLE FEEDER**

CODE	DESCRIPTION		300	DIGITECH VP3 4003		5003	
	POWER SOURCES	AIR	WATER	AIR	WATER	AIR	WATE
004705	Power Source DIGITECH 3300 VP2 400 V	•	≈				
004708	Power Source DIGITECH 4003 VP3 400 V			•	₩ ≋		
004713	Power Source DIGITECH 5003 VP3 400 V					•	_ ≈
	SPECIAL VERSION - POWER SOURCE FITTED WITH SOFTWARE						
004705PR	Power source <b>DIGITECH 3300 VP2 PREMIUM</b> 400 V with vision.FULL PACKAGE and Ethernet socket						
004708PR	Power source <b>DIGITECH 4003 VP3 PREMIUM</b> 400 V with vision. FULL PACKAGE and Ethernet socket						
004713PR	Power source DIGITECH 5003 VP3 PREMIUM 400 V with vision.FULL PACKAGE and Ethernet socket						1
	SOFTWARE FOR SPECIAL MIG/MAG PROCESS						1
050002	SM1 - SPECIAL MIG Process Package: vision.COLD, vision.POWER, vision.ULTRASPEED, vision.PIPE and ECP						
050003	SP2 - PERFORMANCE Process Package: vision.PULSE-UP, vision.PULSE-RUN, vision.ULTRASPEED and ECP						
050004	SFP - vision.FULL-PACKAGE complete package with Special MIG Process Package (SMI) and Special PULSE Process: vision.PULSE-UP, vision.PULSE-RUN and vision.PULSE-POWER with extra curves ECP						
050050	ECP - Extra Curves Package to meet special application						
	EN 1090 WPQR - WPS						
	Collection of WPQR - WPS for DIGITECH						
	INTERCONNECTING CABLES						1
010839	1,2 m Air / Water cooled Interconnecting cable Power source-Wire feeder	•	≋	•	≋	•	₩ ≋
010839	1,2 m Air / Water cooled Interconnecting cable Power source-Wire feeder	•	≈	•	₩ ≋	•	*
010842	5 m Air / Water cooled Interconnecting cable Power source-Wire feeder				-		1
010846	10 m Air / Water cooled Interconnecting cable Power source-Wire feeder				-		1
	WIRE FEEDERS						1
030716	Wire Feeder <b>HT 6</b> with Euro Connection 4 rolls (Ø 1.0÷1.2)	•	≋	•	≈	•	≈
030716	Wire Feeder <b>HT 6</b> with Euro Connection 4 rolls (Ø 1.0÷1.2)	•	≋	•	≈	•	≈
030873	Support and Connection Kit for DOUBLE HT 6 wire feeder system for DIGITECH VP2	•	≈				1
031120	Support and Connection Kit for DOUBLE HT 6 wire feeder system for DIGITECH VP3			•	≋	•	≈
	ALUMINIUM KIT						
030895	Aluminium Kit of double grooved TWIN rolls (Ø 0.8÷1.0) and gears kit for Al wires						
030897	Aluminium Kit of double grooved TWIN rolls (Ø 1.0 ÷ 1.2) and gears kit for Al wires						
030899	Aluminium Kit of double grooved TWIN rolls (Ø 1.2÷1.6) and gears kit for Al wires						
	MIG MAG WELDING TORCHES						
020466	CEA Torch <b>CX 353/4</b> 4 m wire Ø 0.8÷1.2 CO2 340A @60% / Mix 290A @60%	•					
020471	CEA Torch <b>CX 451/4</b> 4 m wire Ø 0.8÷1.6 CO2 400A @60% / Mix 300A @60%			•		•	
020472	CEA Torch <b>CXH 302/4</b> 4 m wire Ø 0.8÷1.2 water cooled CO2 300A @100% / Mix 250A @100%		€				
020479	CEA Torch <b>CXH 402/4</b> 4 m wire Ø 0.8÷1.6 water cooled CO2 500A @100% / Mix 450A @100%				€		≋
020488	Push Pull Torch <b>PP 401 D</b> 8 m 24 V -wire Ø 0,8÷1,2 water cooled (to be ordered w. 031107)						
031107	Push Pull Synchronizer PC Board KIT for QF4 and HT5 (to be ordered with the Push Pull torch)						
	WATER COOLING				ļ.,	<u></u>	
032095	Water cooling equipment HR 31 400 V		⊨≋				
032125	Water cooling equipment HRX 51 400 V				€		⊭≋
402275A	Cea <b>CL-1100</b> cooling liquid - 5 l Tank		≋		≋		€
	TROLLEYS						
234914	Trolley CT 70 with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)	•	≋				
234928	Trolley CT 75 with 4 rolls for power source, cooling equipment and cylinder (and autotransformer)						
234923	Trolley CT 72 Large for power source and 2 gas cylinders and autotransformer						
234935	Trolley CT 82 Large for power source and 2 gas cylinders and autotransformer			•	€	•	<b>≈</b>
	GROUND CABLES						-
239603	50 mm² / 4 m Ground cable with clamp	•	≋	•	€		-
239607	70 mm² / 4 m Ground cable with clamp					•	₩ ≋
	GAS REDUCERS		-		-		-
020916	Reducer with flowmeter and 1 manometer	•	<b>≈</b>	•	€	•	€
20050	OTHER OPTION[S]		1	-	1	1	-
236590	Metallic spool adaptor		-	-	1	-	-
236234	RC 178 remote control with 5 m cable		1	-	1	-	!
020340	Autotransformer <b>A 13-H</b> 220/400 V 50/60 Hz 3 Phase				1		-
	DIGITECH 3300 VP2 with Double Feeder HT 6 - Suggested air cooled version with torch	•					
	DIGITECH 3300 VP2 with Double Feeder HT 6 - Suggested water cooled version with torch		≈				
	DIGITECH 4003 VP3 with Double Feeder HT 6 - Suggested air cooled version with torch			•			
			1	1	€ 1	1	1
	DIGITECH 4003 VP3 with Double Feeder HT 6 - Suggested water cooled version with torch  DIGITECH 5003 VP3 with Double Feeder HT 6 - Suggested air cooled version with torch		-	-	-~	•	1